

TRANSMITTAL

TO: Peter Contreras
EPA Region 10, Ground Water Unit
1200 6th Avenue, Suite 900
Seattle, WA 98101

DATE: July 27, 2015
PROJECT NUMBER: 216-7367-001
PROJECT NAME: Cowlitz WRP Design

THESE ARE: ☐ PER YOUR REQUEST
☐ FOR YOUR INFORMATION
☒ FOR YOUR REVIEW AND APPROVAL
☐ FOR YOUR FILES
☐ FOR YOUR ACTION

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WE ARE TRANSMITTING THE FOLLOWING MATERIALS:

- Letter from Cowlitz Indian Tribe
- Inventory of Injection Wells Registration
- Plan Sheet C-16 – Injection Well Site Plan

COMMENTS:

Please find a letter from the Cowlitz Indian Tribe along with the registration form for the Inventory of Injection Wells and plan sheet of the Injection Well Site for submission.

Feel free to contact me at 253-604-6659 or Mike Ollivant at 253-604-6639 if we can be of any assistance.

Kindest Regards.

Sincerely,



Heidi Still

cc: Derek Schruhl - EPA
Peter Schultz - Salishan-Mohegan, LLC
Bill Iyall - Cowlitz Tribe
Bob Henderson - Keating
Mike Davis - Swinerton Builders
Kristie Casarez - Parametrix
Mike Ollivant - Parametrix
File



Cowlitz Indian Tribe

July 27, 2015

Mr. Peter Contreras
EPA Region 10, Ground Water Unit
1200 6th Avenue, Suite 900
Seattle, Washington 98101

Re: Inventory of Injection Wells – Cowlitz Indian Tribe

Dear Mr. Contreras:

It is my understanding that the Environmental Protection Agency (EPA) and Indian Health Service (IHS) are beginning to review the Feasibility Study and Preliminary Plans for the Cowlitz Reservation Development Class V Injection Well system and water reclamation plant. In discussion with our consultant, Parametrix, we understand that comments may be provided (from EPA) in a 2 to 3 week time frame. The Cowlitz Tribe greatly appreciates EPA's responsiveness for our project and the technical support provided by IHS for the review of the water reclamation plant and injection well system.

The Cowlitz Indian Tribe has prepared and is submitting the Inventory of Injection Wells (form OMB No. 2040-0042 on Region 10's website) to register the Cowlitz Reservation Development Class V Injection Well (enclosed). The Inventory of Injection Wells form supplements the Feasibility Study and Preliminary Plans previously provided on July 20, 2015. It is our understanding that by submitting this inventory, the injection well is registered and EPA will contact the Cowlitz Tribes if there are any comments, concerns, or additional information needed beyond what has been submitted.

We look forward to your review of the information and please feel free to contact myself or Mike Ollivant, P.E., (253-381-9703) with any questions.

Regards,

Mr. Bill Lyall, P.E.
Chairman, Cowlitz Indian Tribe

Enclosure

cc: Mr. Steven Anderson IHS/DES
Mr. Derek Schruhl, EPA
Mr. Mike Ollivant, Parametrix

EPA Form 7520-16 (Rev. 8-01)

SECTION 1. DATE PREPARED: Enter date in order of year, month, and day.

SECTION 2. FACILITY ID NUMBER: In the first two spaces, insert the appropriate U.S. Postal Service State Code. In the third space, insert one of the following one letter alphabetic identifiers:

- D - DUNS Number,
- G - GSA Number, or
- S - State Facility Number.

In the remaining spaces, insert the appropriate nine digit DUNS, GSA, or State Facility Number. For example, A Federal facility (GSA - 123456789) located in Virginia would be entered as : VAG123456789.

SECTION 3. TRANSACTION TYPE: Place an "x" in the applicable box. See below for further instructions.

Deletion. Fill in the Facility ID Number.

First Time Entry. Fill in all the appropriate information.

Entry Change. Fill in the Facility ID Number and the information that has changed.

Replacement.

SECTION 4. FACILITY NAME AND LOCATION:

- A. Name.** Fill in the facility's official or legal name.
- B. Street Address.** Self Explanatory.
- C. Latitude.** Enter the facility's latitude (all latitudes assume North Except for American Samoa).
- D. Longitude.** Enter the facility's longitude (all longitudes assume West except Guam).
- E. Township/Range.** Fill in the complete township and range. The first 3 spaces are numerical and the fourth is a letter (N,S,E,W) specifying a compass direction. A township is North or South of the baseline, and a range is East or West of the principal meridian (e.g., 132N, 343W).
- F. City/Town.** Self Explanatory.
- G. State.** Insert the U.S. Postal Service State abbreviation.
- H. Zip Code.** Insert the five digit zip code plus any extension.

SECTION 4. FACILITY NAME & LOCATION (CONT'D.):

- I. Numeric County Code.** Insert the numeric county code from the Federal Information Processing Standards Publication (FIPS Pub 6-1) June 15, 1970, U.S. Department of Commerce, National Bureau of Standards. For Alaska, use the Census Division Code developed by the U.S. Census Bureau.
- J. Indian Land.** Mark an "x" in the appropriate box (Yes or No) to indicate if the facility is located on Indian land.

SECTION 5. LEGAL CONTACT:

- A. Type.** Mark an "x" in the appropriate box to indicate the type of legal contact (Owner or Operator). For wells operated by lease, the operator is the legal contact.
- B. Name.** Self Explanatory.
- C. Phone.** Self Explanatory.
- D. Organization.** If the legal contact is an individual, give the name of the business organization to expedite mail distribution.
- E. Street/P.O. Box.** Self Explanatory.
- F. City/Town.** Self Explanatory.
- G. State.** Insert the U.S. Postal Service State abbreviation.
- H. Zip Code.** Insert the five digit zip code plus any extension.
- I. Ownership.** Place an "x" in the appropriate box to indicate ownership status.

SECTION 6. WELL INFORMATION:

- A. Class and Type.** Fill in the Class and Type of injection wells located at the listed facility. Use the most pertinent code (specified below) to accurately describe each type of injection well. For example, 2R for a Class II Enhanced Recovery Well, or 3M for a Class III Solution Mining Well, etc.
- B. Number of Commercial and Non-Commercial Wells.** Enter the total number of commercial and non-commercial wells for each Class/Type, as applicable.
- C. Total Number of Wells.** Enter the total number of injection wells for each specified Class/Type.
- D. Well Operation Status.** Enter the number of wells for each Class/Type under each operation status (see key on other side).

CLASS I Industrial, Municipal, and Radioactive Waste Disposal Wells used to inject waste below the lowermost Underground Source of Drinking Water (USDW).

- | | | |
|-------------|-----------|---|
| TYPE | 1I | Non-Hazardous Industrial Disposal Well. |
| | 1M | Non-Hazardous Municipal Disposal Well. |
| | 1H | Hazardous Waste Disposal Well injecting below the lowermost USDW. |
| | 1R | Radioactive Waste Disposal Well. |
| | 1X | Other Class I Wells. |

CLASS II Oil and Gas Production and Storage Related Injection Wells.

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|-------------|-----------|-------------------------------|
| TYPE | 2A | Annular Disposal Well. |
| | 2D | Produced Fluid Disposal Well. |
| | 2H | Hydrocarbon Storage Well. |
| | 2R | Enhanced Recovery Well. |
| | 2X | Other Class II Wells. |

CLASS III Special Process Injection Wells.

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|-------------|-----------|-----------------------------------|
| TYPE | 3G | <i>In Situ</i> Gassification Well |
| | 3M | Solution Mining Well. |

CLASS III (CONT'D.)

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|-------------|-----------|---------------------------------------|
| TYPE | 3S | Sulfur Mining Well by Frasch Process. |
| | 3T | Geothermal Well. |
| | 3U | Uranium Mining Well. |
| | 3X | Other Class III Wells. |

CLASS IV Wells that inject hazardous waste into/above USDWs.

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|-------------|-----------|--|
| TYPE | 4H | Hazardous Facility Injection Well. |
| | 4R | Remediation Well at RCRA or CERCLA site. |

CLASS V Any Underground Injection Well not included in Classes I through IV.

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|-------------|-----------|---------------------------------|
| TYPE | 5A | Industrial Well. |
| | 5B | Beneficial Use Well. |
| | 5C | Fluid Return Well. |
| | 5D | Sewage Treatment Effluent Well. |
| | 5E | Cesspools (non-domestic). |
| | 5F | Septic Systems. |
| | 5G | Experimental Technology Well. |
| | 5H | Drainage Well. |
| | 5I | Mine Backfill Well. |
| | 5J | Waste Discharge Well. |

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PLAN

SCALE IN FEET



0 20 40 60 80

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Parametrix
ENGINEERING · PLANNING · ENVIRONMENTAL SCIENCES

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WWW.PARAMETRIX.COM

PROJECT NAME

WATER RECLAMATION PLANT

COWLITZ RESERVATION DEVELOPMENT

INJECTION WELL SITE PLAN

DRAWING NO.
XX OF XX

C16

DRAFT GMP SUBMITTAL
NOT FOR CONSTRUCTION